INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU 99/00043

A. CLASSIFICATION OF SUBJECT MATTER

Int Cl[6]: G01N 33/68; C12Q 1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC: G01N, C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
AU: IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WPAT: protein, peptide, polypeptide, serine, nucleophile
Chemabs, Medline: protein, peptide, polypeptide, serine, phosphate, carbohydrate, nucleophile, antibody, nucleic, phosphoserine, phosphoamino

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5686310 (HAYSTEAD et al) 11 November 1997 entire document	1-7, 9-11,13,18-20, 49-55, 59-64, 66, 68-70, 72-73
A	Journal of Chromatography A Vol. 808 no. 1-2 "Protein Phosphorylation technologies for the identification of phosphoamino acids" Yan et al pages 23-41 entire document	1-73

☐ Further documents are listed in the continuation of Box C

☒ See patent family annex

* Special categories of cited documents:

"A" Document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
23 March 1999	- 1 APR 1999
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200 WODEN ACT 2606 AUSTRALIA Facsimile No.: (02) 6285 3929	Authorized officer ISOBEL TYSON Telephone No.: (02) 6283 2563

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/AU 99/00043

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member
US	5686310	NONE

END OF ANNEX